

REMARKS

Claims 1-16 are pending. By this Amendment, the specification and claims 1-6 and 10-17 are amended. Reconsideration in view of the above amendments and following remarks is respectfully requested.

The Office Action summary (PTOL-326) indicates that the PTO-1449 submitted with the Information Disclosure Statement filed January 23, 2004 was attached to the Office Action. It is respectfully noted, however, that Applicants' representatives have not received the initialed and signed PTO-1449, nor is a copy available in the Image File Wrapper. The Examiner is respectfully requested to return an initialed and signed copy of the PTO-1449 with the next Office Action.

It is respectfully noted that claim 10 has not been rejected. It is respectfully submitted that claim 10 is allowable.

Claims 11 and 13 were objected to. Claims 11 and 13 have been amended to obviate the objection. Reconsideration and withdrawal of the objection to claims 11 and 13 are respectfully requested.

Claims 1-3, 5-7 and 14 were rejected under 35 U.S.C. §102(b) over *Walkingshaw et al.* (U.S. Patent 5,488,423); claims 1, 4, 5, 9, 14 and 15 were rejected under 35 U.S.C. §102(b) over *Johnson et al.* (U.S. Patent 4,695,880); and claims 11-14 and 17 were rejected under 35 U.S.C. §102(b) over *Bullock et al.* (U.S. Patent 5,070,404). The rejections are respectfully traversed.

Claim 11 recites an information processing apparatus comprising an acquirement section acquiring a program from a predetermined access target; a reception section executing said acquired program to thereby receive information including video information and print-out data; a separation section separating said

video information and said print-out data from said received information; a storage section storing said separated print-out data in a memory apparatus; and a commanding section issuing a command for printing out said print-out data stored in said memory apparatus to said image forming apparatus at a predetermined timing of reproduction of said separated video information.

Bullock et al. disclose that data, such as coupon data, sports scores, traffic information, news, weather information, school information, jokes, financial information, etc., may be encoded and then transmitted on an FM subcarrier in a usual manner and received and stored in a data decoding and printing device, as shown in Figure 4. The data decoding and printing device may include, for example, a standard FM radio or television receiver. See column 3, lines 22-28.

Bullock et al. further disclose that the data may be selectively printed out after the data decoding and printing device receives an enabling, or cue, signal which is transmitted, for example, along with a television commercial for a particular product or event associated with the information.

Bullock et al. do not disclose or suggest a commanding section issuing a command for printing out the print-out data stored in a memory apparatus to an image forming apparatus at a predetermined timing of reproduction of separated video information, as recited in claim 11. As discussed above, *Bullock et al.* disclose that the information to be printed out is first encoded and transmitted on a standard FM subcarrier. The command to print out the information, i.e., the enabling, or cue, signal, is not issued at a predetermined timing of reproduction of separated video information. The print out command of *Bullock et al.* is issued when the enabling, or cue, signal is later transmitted. See, for example column 3, lines 25-28, of *Bullock et*

al., which discloses that a hard copy of the coupon is selectively printed after receiving the enabling, or cue, signal.

As *Bullock et al.* do not disclose or suggest each and every feature of claim 11, *Bullock et al.* do not anticipate or render obvious claim 11.

Claims 12 recites a data transmission method comprising transmitting print-out data together with video information and transmitting a control signal associated with print-out of said print-out data together with said video information, linking with a timing at which said video information is reproduced.

As discussed above, *Bullock et al.* do not disclose or suggest printing out of the information when the separated video information is reproduced. Accordingly, *Bullock et al.* cannot anticipate or render obvious claim 12.

Claim 13 recites additional features of the invention and is allowable for the same reasons discussed above with respect to claim 12 and for the additional features recited therein.

Claim 1 recites, *inter alia*, an output section printing out said print-out data stored in said memory apparatus at a predetermined timing of reproduction of said video information included in said data broadcasting signal based on said detected control signal.

Claim 5 recites, *inter alia*, an output section printing out said print-out data stored in said memory apparatus at a predetermined timing of reproduction of said video information included in said data broadcasting signal based on said control signal.

Claim 14 recites, *inter alia*, issuing a print-out command for said print-out data to said image forming apparatus at a predetermined timing of reproduction of said video information included in said data broadcasting signal.

Neither *Walkingshaw et al.* nor *Johnson et al.* nor *Bullock et al.* disclose or suggest printing out said print-out data stored in said memory apparatus at a predetermined timing of reproduction of said video information included in said data broadcasting signal based on said detected control signal, as recited in claims 1 and 5. Neither *Walkingshaw et al.* nor *Johnson et al.* nor *Bullock et al.* disclose or suggest issuing a print-out command for said print-out data to said image forming apparatus at a predetermined timing of reproduction of said video information included in said data broadcasting signal, as recited in claim 14.

Walkingshaw et al. disclose that the broadcast television signal is received by the decoder-printing unit 100 and the decoder 120 extracts from the television broadcast signal all product category and coupon data being transmitted and presents them to the comparator 130, where the product category data are compared with pre-selected category data stored in the memory 110. If the decoded product category data corresponds to a category in the memory 110, the printer 140 is actuated to print a coupon 150. See column 3, line 59 - column 4, line 3. See, also, column 4, line 66 - column 5, line 16.

As discussed above, *Walkingshaw et al.* disclose printing out the print-out data (i.e. coupons) when the decoded category data matches pre-selected category data, not at a predetermined timing of reproduction of video information. Therefore, *Walkingshaw et al.* cannot anticipate or render obvious claims 1, 5 and 14.

As acknowledged on page 3, paragraph number 4, of the Office Action, *Johnson et al.* disclose printing out the print-out data upon receipt of the control data. *Johnson et al.* do not disclose or suggest printing the print-out data at a predetermined timing of reproduction of said video information, and therefore, do not anticipate or render obvious claims 1, 5 and 14.

As also discussed above, the print out command of *Bullock et al.* is issued when the enabling, or cue, signal is later transmitted, not at a predetermined timing of reproduction of video information. *Bullock et al.*, thus, do not anticipate or render obvious claim 14.

Reconsideration and withdrawal of the rejections over *Walkingshaw et al.*, *Johnson et al.* and *Bullock et al.* are respectfully requested.

Claims 5 and 14 were rejected under 35 U.S.C. §102(b) over *Summers* (U.S. Patent No. 3,848,082) and claims 8 and 16 were rejected under 35 U.S.C. § 103(a) over *Summers*. The rejections are respectfully traversed.

The Office Action on page 6, paragraph number 7, states that *Summers* points out that the broadcast and desired print-out data can be transmitted at different predetermined times in column 7, lines 63-68. It is respectfully noted, however, that claim 5 recites printing out the print-out data at a predetermined timing of reproduction of said video information included in said data broadcasting signal based on said control signal and claim 14 recites issuing a print-out command for said print-out data to said image forming apparatus at a predetermined timing of reproduction of said video information. Claims 5 and 14 do not recite transmission of the print-out data and the broadcasting signal at predetermined different times.

Moreover, it is respectfully noted that *Summers* discloses in column 7, lines 63-68, that the supplemental data can be stored and used subsequently if and when desired. Therefore, it is not necessary that the data transmitted and received be viewed or otherwise utilized in real time. *Summers* provides as examples the subsequent use of the data at a pre-selected time, or upon the sensing of an event or completion of a prior program, or upon user command. *Summers* does not disclose or suggest printing out print-out data, or issuing a print-out command for print-out data, at a predetermined timing of reproduction of video information based on detection of the control signal.

As *Summers* does not disclose or suggest each and every feature of claims 5 and 14, *Summers* cannot anticipate or render obvious claims 5 and 14.

Reconsideration and withdrawal of the rejections over *Summers* are respectfully requested.

In view of the above amendment and remarks, Applicants respectfully submit that all of the claims are allowable and that the entire application is in condition for allowance.


Should the Examiner feel that anything further is necessary to place the application in condition for allowance, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,

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